Subject: Re: Tell Us About the Array you built or are building.....
Posted by Ivor the Engine Driver on Mon, 26 Feb 2007 16:04:27 GMT
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I'm trying to develop a passive XOed version of an active XOed and equalized, open baffle array I built a few winters ago. It uses a 48-inch line of Dayton 3/4 Neo tweets(ND20FB -- the rear mount) and the old PartsExpress NSBs, with two 10-inch Peerless woofs in a push/pull configuration. I want to be able to do a direct comparison between the passive and active versions. Both are U-baffles. The active uses Behringer electronics, 2 AB International amps and one Yamaha 2200 amp. Early results lead me to believe I can make the passive version sound just as good, if not better than the active pair, with a less complex crossover than I'd anticipated, with the XOs at 500/3200. Of course, I might as well weld the speakers into place, because it won't take much movement to require a re-engineering of the crossover. Ultimately, I'd like to be able to build some room treatments and see if I can leave the XO the same, but be able to move the arrays into different rooms and achieve acceptable sound by tweaking only the various traps and diffusers.